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TITLE: Secure data transfer between a client and a resource via an intermediary

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INVENTOR-INFORMATION:

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RELATED-US-APPL-DATA:

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INT-CL: [07], H04L009/00

US-CL-PUBLISHED: 713/153, 705/75

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REFERENCE-FIGURES: 1

ABSTRACT:

Data can be securely passed between a client and a back-end resource utilizing an intermediary or proxy that substitutes references for data functions as if it were in fact a client. When sending service requests to a publicly-accessible site, the intermediary replaces the references; when it receives references from the publicly-accessible site, it replaces those references with the actual data. At no time is actual data handled by a publicly-accessible site.

CROSS-REFERENCE TO RELATED APPLICATION

[0001] This application claims the benefit of U.S. Provisional Application No. 60/115,835 filed Jan. 14, 1999, U.S. application Ser. No. 09/481,133, Jan. 12, 2000, and U.S. Provisional Application No. 60/211,256 filed Jan. 13, 2000, incorporated by reference herein.

BRIEF SUMMARY:

BACKGROUND OF THE INVENTION



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(30) Pub. No.: US 2002/0023207 A1  
(43) Pub. Date: Feb. 21, 2002

(14) SECURE DATA TRANSFER BETWEEN A CLIENT AND A BACK-END RESOURCE VIA AN INTERMEDIARY

of provisional application No. 60/211,256, filed on Jan. 13, 2000.

Publication Classification

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(51) Int. Cl.<sup>7</sup>

H04L 9/00

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(52) U.S. Cl.

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ABSTRACT

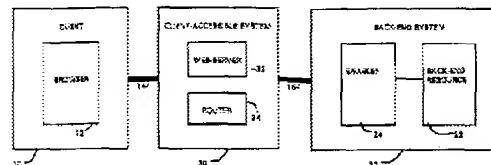
(21) Appl. No.: 09/880,461

(22) Filed: Jun. 13, 2001

Related U.S. Application Data

(65) Non-provisional of provisional application No. 60/115,835, filed on Jan. 14, 1999. Non-provisional

Data can be securely passed between a client and a back-end resource by utilizing an intermediary or proxy that substitutes references for data and functions as if it were in fact a client. When sending service requests to a web-server or a publicly-accessible site, the intermediary replaces the data with references; when it receives references from the publicly-accessible site, it replaces those references with the actual data. At no time is actual data handled by a publicly-accessible site.



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